

## B BORROW AND STRUCTURE BACKFILL

The Standard Specifications are revised as follows:

SECTION 211, BEGIN LINE 1, DELETE AND INSERT AS FOLLOWS:

**SECTION 211 – B BORROW ~~FILL~~ AND STRUCTURE BACKFILL**

SECTION 211, AFTER LINE 23, INSERT AS FOLLOWS:

*Aggregate for end bent backfill shall be No. 8 or No. 9 crushed stone or ACBF, class D or higher.*

SECTION 211, BEGIN LINE 48, DELETE AND INSERT AS FOLLOWS:

~~When~~ *Where* structure backfill is specified, the Contractor may substitute flowable backfill in accordance with 213. However, flowable backfill shall not be placed into or through standing water, unless approved in writing.

SECTION 211, AFTER LINE 83, DELETE AND INSERT AS FOLLOWS:

*Where specified, aggregate for end bent backfill shall be placed behind end bents and compacted in accordance with 211.04. Prior to placing the aggregate, a geotextile shall be installed in accordance with 616.11.*

**211.04 Mechanical Compaction**

~~Where B borrow or and structure backfill is to~~ *shall be compacted by mechanical compaction, it shall, unless otherwise specified, be placed with mechanical tamps or vibrators in accordance with the applicable provisions of 203.23 except, if mechanical tamps or vibrators are used, the material shall be deposited in approximately 6 in. (150 mm) lifts, loose measurements, and each lift compacted to density requirements except as otherwise set out herein.*

*Aggregate for end bent backfill and coarse aggregate No. 8, No. 9, or No. 11 used for structure backfill shall be deposited in layers not to exceed 12 in. (300 mm) loose measurement. Each layer shall be mechanically compacted with a compactor having a plate width of 17 in. (425 mm) or larger that delivers 3000 to 9000 lb (13.3 to 40 kN) per blow. Each lift shall be compacted with two passes of the compactor.*

SECTION 211, BEGIN LINE 117, DELETE AND INSERT AS FOLLOWS:

**211.07 Aggregate For End Bent Backfill ~~Blank~~**

~~When specified, coarse aggregate shall be placed behind end bents as shown on the plans. The material shall be deposited in lifts not to exceed 12 in. (300 mm) loose measurement, and each lift shall be mechanically compacted using a hand held vibratory plate compactor having a plate width of 17 in. (425 mm) or larger that delivers 3000 to 9000 lb (13.3 to 40 kN) per blow. Each lift shall be compacted with two passes of the compactor.~~

~~Prior to placing the aggregate, a geotextile shall be installed in accordance with 616.11.~~